

Form PTO-1449 US DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Complete if Known	
				Application Number	10/004,345
				Filing Date	November 2, 2001
				First Named Inventor	Tomohiko SHIBATA
				Art Unit	2813
				Examiner Name	David L. Hogans
				Confirmation No.	3689
Sheet	1	of	1	Attorney Docket No.	782_193

U.S. PATENT DOCUMENTS

Exam. Initial		Document Number	Date	Name	Our Docket No.	Class	Sub Class	Filing Date
AD	AD	5,599,732	02-04-1997	Razeghi				

U.S. COPENDING APPLICATIONS

Exam. Initial		Application/ Publication Number	Filing/ Publication Date	Inventor Name	Our Docket No.	Class	Sub Class

FOREIGN PATENT DOCUMENTS

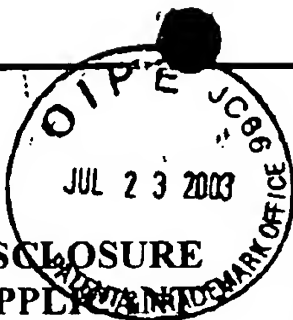
		Document Number	Date	Country	Class	Sub Class	Translation	Abstract
	AE	1 160 354 A1	12-05-2001	EP				
	AF	10-067584	03-10-1998	JP			JPO Machine Translation	✓

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages etc.)

Examiner:		Date Considered:	1-23-04
-----------	---	------------------	---------

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO-1449				Complete if Known	
US DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE				Application Number 10/004,345	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Filing Date November 2, 2001	
				First Named Inventor Tomohiko SHIBATA	
				Art Unit 2813	
				Examiner Name David L. Hogans	
				Confirmation No. 3689	
Sheet 1	of 1	Attorney Docket No. 782_193			



U.S. PATENT DOCUMENTS

Exam. Initial	Document Number	Date	Name	Our Docket No.	Class	Sub Class	Filing Date

RECEIVED
JUL 28 2003
11C 2800 MAIL ROOM

FOREIGN PATENT DOCUMENTS

	Document Number	Date	Country	Class	Sub Class	Translation	Abstract
DA	AA 10-284425 A	10/23/1998	Japan	—	—	JPO Machine Translation	✓
DA	AB 10-074705 A	3/17/1998	Japan	—	—	JPO Machine Translation	✓
DA	AC 2001-345268 A	12/14/2001	Japan	—	—	JPO Machine Translation	✓

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages etc.)

--	--

Examiner:	Date Considered: 1-06-04
-----------	--------------------------

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.